

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota  
Agricultural  
Statistics Service

Released: May 9, 2005  
For Week Ending: May 8, 2005  
ND-CW1905

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN) and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

**General:** Good weather during the first part of the week allowed excellent planting progress, according to the North Dakota Agricultural Statistics Service. Rainfall across most of the state aided crop emergence, although heavier hit areas caused planting delays. Frost was reported in some areas with weekly average temperatures 3 to 6 degrees below normal. Topsoil moisture supplies were rated 4 percent very short, 13 short, 78 adequate and 5 surplus. This compared with the five-year (2000-2004) average of 5 percent very short, 16 short, 67 adequate and 12 surplus. Statewide, on average, there were 5.9 days suitable for fieldwork.

**Crops:** Planting continued ahead of average for all crops. Hard red spring wheat was 76 percent seeded, ahead of last year and ahead of the average of 50 percent. Durum was 46 percent seeded compared with 25 percent on average. Barley was 71 percent planted compared with 40 percent on average. Small grain emergence was also ahead of average.

Corn planting showed the most progress with 64 percent planted compared to 22 percent last week and the average of 46 percent. Sugarbeets were 97 percent planted compared with 68 percent on average. Potatoes were 43 percent planted. Soybeans were 15 percent planted. Dry beans and sunflower were 3 percent planted. Dry edible peas were 76 percent planted compared with 49 percent last week.

**Livestock:** Calving was 94 percent complete and lambing was 95 percent complete. Stockwater supply was rated 3 percent very short, 17 short, 78 adequate and 2 surplus. Range and pasture conditions were 7 percent very poor, 19 poor, 40 fair, 32 good and 2 excellent. Pastures were rated 85 percent growing compared to 87 percent last year.

Crop Development Progress <sup>1/</sup> May 8, 2005 with Comparisons				
Crop	Week Ending			2000-2004 Avg.
	May 8, 2005	May 1, 2005	May 8, 2004	
(Percent)				
BARLEY				
Planted	71	44	66	40
Emerged	23	6	27	14
DURUM WHEAT				
Planted	46	33	44	25
Emerged	15	6	18	9
HRS WHEAT				
Planted	76	53	75	50
Emerged	32	12	36	22
OATS				
Planted	76	49	71	48
Emerged	34	10	33	17
CANOLA				
Planted	53	28	55	40
Emerged	12	2	8	9
CORN, ALL				
Planted	64	22	69	46
Emerged	2	0	6	6
DRY EDIBLE BEANS				
Planted	3	1	3	1
DRY EDIBLE PEAS				
Planted	76	49	NA	NA
Emerged	17	3	NA	NA
FLAXSEED				
Planted	45	18	36	23
Emerged	6	1	4	3
POTATOES				
Planted	43	18	39	32
Emerged	1	1	4	3
SOYBEANS				
Planted	15	0	24	10
SUGARBEETS				
Planted	97	77	87	68
Emerged	8	2	20	15
SUNFLOWER				
Planted	3	1	4	2

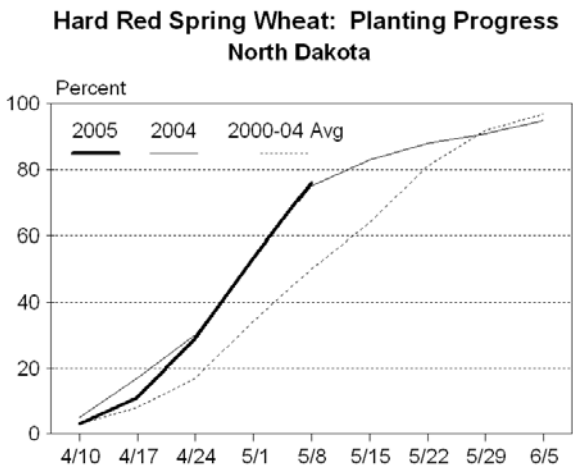
<sup>1/</sup> Crop development percents represent all acreage in or beyond each stage.  
NA = Not Available

**Soil Temperatures:** Average soil temperatures on May 8 ranged from a low of 50 degrees F in Bottineau to a high of 62 in Grand Forks. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

## Average Soil Temperatures\*, May 8, 2005

Station	Temperature	Station	Temperature
Degrees F		Degrees F	
NORTHWEST		CENTRAL	
Bowbells	51	Carrington	61
Minot	54	Robinson	53
Williston	54	Streeter	56
NORTH CENTRAL		EAST CENTRAL	
Baker	58	Dazey	58
Bottineau	50	Fargo	59
Rolla	53	SOUTHWEST	
NORTHEAST		Bowman	54
Cavalier	58	Dickinson	54
Grand Forks	62	SOUTH CENTRAL	
Langdon	51	Linton	57
WEST CENTRAL		SOUTHEAST	
Turtle Lake	56	Oakes	56
Watford City	53	Wyndmere	59

\* Thermometers located 4 inches under bare soil.  
Source: NDAWN, Department of Soil Science, NDSU.



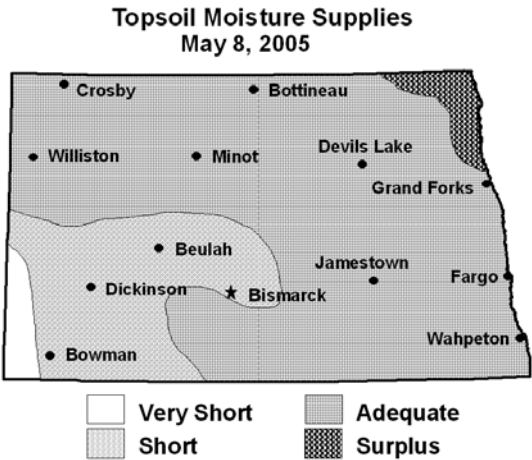
~ Compiled and Published by ~

N.D. Agricultural Statistics Service, USDA • P.O. Box 3166 • Fargo, ND 58108 • 701-239-5306  
E-mail: nass-nd@nass.usda.gov • Internet: <http://www.nass.usda.gov/nd/>

OFFICIAL BUSINESS  
Penalty for Private Use, \$300  
  
ADDRESS SERVICE REQUESTED

NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 8, 2005

Soil Moisture: North Dakota				
Date	Week Ending			2000-2004 Avg.
	May 8, 2005	May 1, 2005	May 8, 2004	
(Percent)				
TOPSOIL				
Very Short	4	9	14	5
Short	13	28	39	16
Adequate	78	61	46	67
Surplus	5	2	1	12
SUBSOIL				
Very Short	12	12	14	6
Short	17	24	33	20
Adequate	67	61	52	65
Surplus	4	3	1	9



**Weather:** Warm temperatures and mostly sunny skies prevailed across North Dakota for the first workweek of May. A pattern change in the upper levels of the atmosphere brought dry weather and seasonal temperatures across the state for the majority of the week. The week started off below average, with highs in the upper 40s to low 50s and lows in the low 20s to low 30s. High temperatures warmed to above seasonal averages by midweek. Temperatures remained above seasonal averages through the week, with highs in the 70s to near 80 degrees. A strong upper level disturbance brought widespread showers and thunderstorms to the state just in time for the weekend. Strong southerly winds out ahead of the system helped temperatures surge into the 70s and 80s in the east on Sunday. Clouds and rain kept temperatures down in the 50s and low 60s in the western areas. The same system brought severe thunderstorms to areas in eastern North Dakota on Sunday. Widespread heavy rain and large hail were reported in many areas.

**Outlook, May 9-15:** Wet conditions and below average temperatures will be in store for the second week of May. A strong upper level low pressure system will bring showers and a few thunderstorms to the eastern third of the state, with locally heavy rain on Monday. Dry conditions will follow behind the system on Tuesday and Wednesday. Look for highs in the 50s to low 60s through the first half of the week with lows mostly in the 40s. The next chance of rain will come late on Wednesday and into Thursday as another area of low pressure in the Rockies moves out into the plains. Look for showers and possibly a thunderstorm across the state, particularly in the southern areas. The weekend looks to be dry with temperatures warming to near seasonal levels. High temperatures for the latter half of the week will be mostly in the 50s to mid-60s and lows in the upper 30s to mid-40s.

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending May 8, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal <sup>1/</sup>	Past Week	Total	Depart Normal <sup>1/</sup>
(Degrees F)			(Inches)		
Northwest (1)	46	-3	0.97	1.16	-0.98
N. Central (2)	45	-4	0.65	0.99	-1.27
Northeast (3)	48	-3	0.65	1.48	-0.38
W. Central (4)	45	-6	1.11	1.41	-1.01
Central (5)	46	-5	1.34	1.78	-0.47
E. Central (6)	49	-3	0.54	1.08	-1.22
Southwest (7)	46	-4	0.80	1.42	-1.03
S. Central (8)	47	-5	0.51	1.36	-1.02
Southeast (9)	49	-4	0.84	1.49	-0.84

<sup>1/</sup> Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations  
North Dakota, Week ending May 8, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal <sup>1/</sup>
(Degrees F)			(Inches)		
(1) Bowbells	74	15	1.23	1.38	-0.59
Williston	75	16	1.12	1.12	-0.68
Mohall	74	21	0.57	0.95	-1.23
Minot	72	20	0.95	1.20	-1.42
(2) Baker	71	20	1.15	1.66	-0.90
Bottineau	73	15	0.40	0.58	-1.50
Rugby	73	18	0.39	0.73	-1.40
(3) Cando	71	19	0.21	0.95	-0.63
Cavalier	72	20	0.71	1.70	-0.27
Forest River	75	23	0.60	1.51	-0.55
Grand Forks	82	23	0.70	1.10	-0.71
Langdon	68	20	0.59	1.77	0.09
St. Thomas	75	24	1.09	1.84	-0.22
(4) Hazen	74	14	0.55	1.13	-1.59
Turtle Lake	72	16	1.39	1.70	-0.69
Watford City	75	21	1.39	1.39	-0.74
(5) Carrington	75	16	1.21	1.75	-0.58
Harvey	73	16	1.68	2.04	-0.07
Jamestown	76	21	1.46	1.87	-0.16
Robinson	74	17	1.58	1.93	-0.36
Streeter	71	19	0.78	1.29	-1.20
(6) Dazey	76	22	0.58	0.96	-1.20
Fargo	80	19	0.15	0.92	-1.44
Hillsboro	83	17	0.90	1.35	-1.02
(7) Beach	75	26	1.36	2.09	-0.05
Bowman	73	18	0.61	1.07	-1.19
Dickinson	74	16	1.24	1.87	-0.78
Hettinger	74	14	0.00	0.66	-2.11
(8) Mandan	75	19	0.54	1.59	-0.60
Linton	77	18	0.48	1.12	-1.44
(9) Edgeley	77	20	0.95	1.63	-0.86
Oakes	78	19	1.30	1.86	-0.66
Wyndmere	81	18	0.27	0.97	-1.00

<sup>1/</sup> Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.